Z Blu-ray & DVD+/-R/RW Writer with eSATA and USB 3.0

Model: ZBWESU3, ZBWES

INTRODUCTION

Built on the same reliable and convenient removable mechanism of the Snap-In Mobile Rack, the Addonics Snap-In Double Drive now enables 2.5" SATA hard drives to be use like a tape cartridge in any Desktop, rack mount or industrial PC. Designed to fit inside a standard 3.5" drive bay, the Snap-In Double Drive comes with 2 drive slots to accommodates up to two hard drives. By connecting to a hot swappable SATA controller, the hard drive can be easily added or removed from the system just like an ordinary cassette tape.

Zebra Blu-Ray & DVD +/- R/RW Writer
Read all of the popular types of optical media and write to Blu-Ray, DVDs, and CD media
Blu-Ray Disc
DVD Disc
CD Disc
Read and Write to Blu-Ray, DVD, and CD media
eSATA Port
or
USB 3.0/2.0
USB 3.0 to eSATAp Adapter
BLU-RAY WRITER

FEATURES

- Read/Write to Blu-Ray BD-R/BD-RE media
- Play Blu-ray&trade or regular DVD movie on your computer
- Reads data from all popular DVD and CD format - , standard DVD, and CD
- Write to DVD+/- R/RW/DL media and CD-R/RW media
- Reads data from all popular DVD and CD format - Blu-ray &trade, standard DVD and CD
- Records up to 8.5GB of data or 4 hours of video on compatible DVD+R DL (dual layer) and DVD-R DL(dual layer) media
- Choice of model with eSATA or eSATA and USB 3.0/2.0 interface connection
- Compatible with Cyberlink High-Def Suite and ArcSoft Blu-Ray playback software for use in Windows XP, 2003, and Vista, Windows 7.
- Sturdy aluminum construction
- Compact size for convenient transportation
- Plug and play
- Stereo ear phone jack
- OS support - Windows 98SE, Me, 2000, XP, Vista, Windows 7, Linux (Kernel 2.6 and above), Solaris 10, Mac OS X 10.4*

*while the drive is fully supported under OS X 10.4.x and above, there is no known software which is capable of Blu-ray and HD DVD playback under OS X at this time. Linux playback is supported with third party applications. Please see the Blu-ray application notes page for more information.

www.addonics.com

Addonics Technologies Inc.
1918 Junction Avenue, San Jose, CA 95131
Phone: 408.573.8580 | Fax: 408.573.8588

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Model: ZBWESU3, ZBWES

SPECIFICATIONS

Drive type:	12X BD-R 2X BD-RE 16X+/8X-/2.4x DVD±R/RW/DL 48X/32X CD-R/RW	
Speed (Write):	BD-R	12x
	BD-R (DL)	8x
	BD-RE	2x
	BD-RE (DL)	2x
	DVD-R	16x
	DVD-R DL	8x
	DVD-RW	6x
	DVD-RAM	12x
	DVD+R	16x
	DVD+R DL	8x
	DVD+RW	8x
	CD-R	48x
	CD-RW	24x
Speed (Read):	CD	48x
	DVD-ROM	16x
	DVD+R	16x
	DVD-R	16x
	DVD+RW	10x
	DVD-RW	10x
	DVD-RAM	12x
	BD-ROM	10x
	BD-R (SL L to H)	6x
	BD-R (SL/DL)	10x
	BD-RE (SL/DL)	8x
Supported Media:	BD-ROM, BD-RE, BD-R, DVD-ROM, DVD±R, DVD±RW, DVD-RAM, CD-ROM, CD-ROM XA, CD-I, Photo-CD, Video CD, CD-Extra, CD-Text, CD-R, CD-RW	
Data Transfer Rate:	BD-ROM 288 Mbits/s (8x) max. DVD-ROM 22.16 Mbytes/s (16x) max. CD-ROM 7200 Kbytes/s (48x) max.	
Access Speed (typical):	BD-ROM 180 ms typical DVD-ROM 160 ms typical CD-ROM 150 ms typical	
Interface Type:	• eSATA for model ZBWES • eSATA and USB 3.0 for model ZBWESU3	
Supported OS:	• **USB 3.0** - XP, Vista, Windows 7 • **USB 2.0** - Windows 98SE, me, 2000, XP, Vista, 7, Linux Kernel 2.6, Solaris 10 and above, Mac OS X 10.4.x • **eSATA** - DOS, Windows 95, NT4(SP6), 98SE, Me, 2000 and XP, Vista, Windows 7, Linux Kernel 2.6, Solaris 10 and above, Mac OS X 10.4.x bundled software is for use in Windows 2000, XP, 2003, and Vista, Windows 7 only	
Minimum System Requirement:	**CPU:** Intel Pentium D 3.2GHz or equivalent (Recommended: Core 2 Duo E6300 or higher) **RAM:** 1GB or more HDD: 30GB or more of available space **GPU:** Card with following GPU (Graphic Processing Unit) and DVI output **nVidia:** GeForce 7800 GTX 512/7900 GT/7900 GX2/7900	

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SPECIFICATIONS (Continue)

LED:	Power and Drive Activity
Cooling system:	Rear mount 4 cm cooling fan
Buffer Size:	4 MB
Loading Type:	Motorized Tray
Power Supply	110/220 AC/DC 12V/5V power adapter
Construction Material	Aluminum body
Dimensions:	10.16 x 6.61 x 2.36 inches (258 x 168 x 60 mm)
Weight:	3.92 lbs. (1870 g)
Storage Temperature:	Range: -20C to +60C
Operating Temperature:	Range: +5C to +40C
Storage Humidity:	5% to 90%
Operating Humidity:	5% to 95%
Warranty:	One Year

Data transfer rate comparison table

CD speed	CardBus	USB 1.0	USB 2.0	Serial ATA	FireWire	SCSI
4X	600KB/sec	600KB/sec	600KB/sec	600KB/sec	600KB/sec	600KB/sec
6X	900KB/sec	900KB/sec	900KB/sec	900KB/sec	900KB/sec	900KB/sec
8X	1200KB/sec	900KB/sec	1200KB/sec	1200KB/sec	1200KB/sec	1200KB/sec
24X	2400KB/sec	900KB/sec	3600KB/sec	3600KB/sec	3600KB/sec	3600KB/sec
32X	2400KB/sec	900KB/sec	4800KB/sec	4800KB/sec	4800KB/sec	4800KB/sec
40X	2400KB/sec	900KB/sec	6000KB/sec	6000KB/sec	6000KB/sec	6000KB/sec
52X	2400KB/sec	900KB/sec	7800KB/sec	7800KB/sec	7800KB/sec	7800KB/sec

SPECIFICATIONS

DVD speed	CardBus	USB 1.0	USB 2.0	Serial ATA	FireWire	SCSI
1X	1,350KB/sec	900KB/sec	1,350KB/sec	1,350KB/sec	1,350KB/sec	1,350KB/sec
2X	2,700KB/sec	900KB/sec	2,700KB/sec	2,700KB/sec	2,700KB/sec	2,700KB/sec
4X	2,700KB/sec	900KB/sec	5,500KB/sec	5,500KB/sec	5,500KB/sec	5,500KB/sec
8X	2,700KB/sec	900KB/sec	10,800KB/sec	10,800KB/sec	10,800KB/sec	10,800KB/sec
16X	2,700KB/sec	900KB/sec	21,600KB/sec	21,600KB/sec	21,600KB/sec	21,600KB/sec

The information provided in the table above are for comparison purpose only.

*Actual speed varies depending on system hardware and type of interface connection. Current USB standard limits the USB connection to support maximum speed up to 4X only.

Note: bundled software supports Windows OS only

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